ABSTRACT

A method and a controller for controlling the execution of a
computer program having multitasking capability on a computing
element especially on a microprocessor, of a controller for
controlling and/or regulating a system which is able to take
on various possible system states. In order to coordinate the
execution of computer program in such a way that the input
quantities required for the execution of a function of
computer program are present with certainty at the beginning
of the execution of the function, for each possible transition
from one system state into another system state, transition
conditions are defined and the execution of computer program
is controlled in such a way that the system is only carried
over from a first system state into a second system state when
all the transition conditions specified for this transition
are fulfilled.